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Ms. Nina Anderson Inspectorate America Corporation 12000 Aerospace Ave, Suite 200 Houston TX 77034-5576 Report Number: 70248

Revision: Rev. 0

Re: Sprague Energy (Project No: 061611)

Enclosed are the results of the analyses on your sample(s). Samples were received on 22 June 2011 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	<u>Analysis</u>	Comments
70248-1	06/20/11	Everett/ Asphalt Star/ TK 194/ A	EPA 8260 Volatile Organics	
70248-2	06/20/11	Everett/ Asphalt Star/ TK 194/ B	EPA 8260 Volatile Organics	
70248-3	06/20/11	Everett/ Asphalt Star/ Trip Blank	EPA 8260 Volatile Organics	
70248-4	06/21/11	Everett/ Asphalt Star/ TK 148/ A	EPA 8260 Volatile Organics	
70248-5	06/21/11	Everett/ Asphalt Star/ TK 148/ B	EPA 8260 Volatile Organics	
70248-6	06/21/11	Everett/ Asphalt Star/ TK 194/ Trip Blank	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Department of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

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te**p**hen L. Knollmeyer Lab. Director

Date

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CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611 Field Sample ID: LAB QC June 26, 2011

SAMPLE DATA

MB06241C Lab Sample ID: Matrix: Solid 100 **Percent Solid: Dilution Factor:** 100 **Collection Date:** N/A N/A Lab Receipt Date: **Analysis Date:** 06/24/11

1	ANALYTIC	AL RESUL	TS VO	LATILE ORGANICS			
COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg		COMPOUND	Limit of Detection (LOD) μ g/k	Limit of Quantitation g(LOQ) μg/kg	
Chloroethane	50	100	U	1,1-Dichloroethane	50	100	U
Chloroform	50	75	U	1,1-Dichloroethene	50	75	U
Chloromethane	50	100	U	1,1-Dichloropropene	50	100	U
cis-1.2-Dichloroethene	50	100	U	1,2,3-Trichlorobenzene	50	100	U
cis-1,3-Dichloropropene	50	100	U	1,2,3-Trichloropropane	50	100	U
Dibromochloromethane	50	75	U	1,2,4-Trichlorobenzene	50	100	U
Dibromomethane	50	100	U	1,2,4-Trimethylbenzene	50	100	U
Dichlorodifluoromethane	50	100	U	1,2-Dibromo-3-chloropropane	50	100	U
Ethylbenzene	50	100	U	1,2-Dibromoethane	50	75	U
Freon-113	50	100	U	1,2-Dichlorobenzene	50	100	U
Hexachlorobutadiene	50	100	U	1,2-Dichloroethane	50	75	U
Isopropl benzene	50	100	U	1.2-Dichloropropane	50	75	U
m,p-Xylene	50	100	U	1,3,5-Trimethylbenzene	50	100	U
Methyl-tert-butyl ether (MTB	E) 50	75	U	1,3-Dichlorobenzene	50	100	U
Methylene chloride	250	500	U	1,3-Dichloropropane	50	100	U
Naphthalene	50	100	U	1,4-Dichlorobenzene	50	100	U
n-Butylbenzene	50	100	U	2,2-Dichloropropane	50	100	U
n-Propylbenzene	50	100	U	Methyl ethyl ketone	500	1000	U
o-Xylene	50	100	Ü	2-Chlorotoluene	50	100	U
sec-Butylbenzene	50	100	U	2-Hexanone	500	1000	U
Styrene	50	100	U	4-Chlorotoluene	50	100	U
tert-Butylbenzene	50	100	U	4-Isopropyltoluene	50	100	U
Tetrachloroethene	50	100	U	4-Methyl-2-pentanone	500	1000	U
Tetrahydrofuran	250	500	U	Acetone	500	1000	U
Toluene	50	100	U	Benzene	50	100	U
trans-1,2-Dichloroethene	50	100	U	Bromobenzene	50	100	U
trans-1,3-Dichloropropene	50	100	U	Bromochloromethane	50	100	U
Trichloroethene	50	100	U	Bromodichloromethane	50	75	U
Trichlorofluoromethane	50	100	U	Bromoform	50	75	U
Vinyl chloride	50	100	U	Bromomethane	50	100	U
Xylenes (total)	50	100	U	Carbon Disulfide	50	100	U
1,1,2-Tetrachloroethane	50	100	U	Carbon tetrachloride	50	100	U
1.1.1-Trichloroethane	50	100	U	Chlorobenzene	50	100	U
1,1,2,2-Tetrachloroethane	50	75	Ū	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	75	U	(TIC) n-Hexane	NA	NA	NF
~ -	~ ~ ~			andard Recovery		10.77.1	1010
Bromofluorobenz	ene 92%	d-	4-1,2-Dic	hloroethane 99%		d8-Toluene	101%
U=Undetected	J=Estima	ited I	E=Exceed	ls Calibration Range B=	Detected in		

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search

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CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 194/ A

June 26, 2011 SAMPLE DATA

Lab Sample ID: 70248-1 Matrix: Solid 100 Percent Solid: **Dilution Factor:** 107 **Collection Date:** 06/20/11 Lab Receipt Date: 06/22/11

Analysis Date: 06/24/11

A	NALYTIC	CAL RESUL	TS VO	LATILE ORGANICS			
COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result μg/kg	COMPOUND	Limit of Detection (LOD) μ g/kg	Limit of Quantitation g(LOQ) μg/kg	Result μg/kg
Chloroethane	54	107	U	1,1-Dichloroethane	54	107	U
Chloroform	54	80	U	1,1-Dichloroethene	54	80	U
Chloromethane	54	107	U	1,1-Dichloropropene	54	107	U
cis-1,2-Dichloroethene	54	107	U	1,2,3-Trichlorobenzene	54	107	U
cis-1,3-Dichloropropene	54	107	U	1,2,3-Trichloropropane	54	107	U
Dibromochloromethane	54	80	U	1,2,4-Trichlorobenzene	54	107	U
Dibromomethane	54	107	U	1,2,4-Trimethylbenzene	54	107	203
Dichlorodifluoromethane	54	107	U	1,2-Dibromo-3-chloropropane	54	107	U
Ethylbenzene	54	107	55 J	1,2-Dibromoethane	54	80	U
Freon-113	54	107	U	1,2-Dichlorobenzene	54	107	U
Hexachlorobutadiene	54	107	U	1,2-Dichloroethane	54	80	U
Isopropl benzene	54	107	U	1.2-Dichloropropane	54	80	U
m,p-Xylene	54	107	213	1,3,5-Trimethylbenzene	54	107	U
Methyl-tert-butyl ether (MTBI	E) 54	80	U	1,3-Dichlorobenzene	54	107	U
Methylene chloride	268	536	U	1,3-Dichloropropane	54	107	U
Naphthalene	54	107	156	1,4-Dichlorobenzene	54	107	U
n-Butylbenzene	54	107	U	2,2-Dichloropropane	54	107	U
n-Propylbenzene	54	107	U	Methyl ethyl ketone	536	1070	U
o-Xylene	54	107	95 J	2-Chlorotoluene	54	107	U
sec-Butylbenzene	54	107	U	2-Hexanone	536	1070	U
Styrene	54	107	U	4-Chlorotoluene	54	107	U
tert-Butylbenzene	54	107	U	4-Isopropyltoluene	54	107	U
Tetrachloroethene	54	107	U	4-Methyl-2-pentanone	536	1070	U
letrahydrofuran	268	536	U	Acetone	536	1070	U
Toluene	54	107	118	Benzene	54	107	U
trans-1,2-Dichloroethene	54	107	U	Bromobenzene	54	107	U
trans-1,3-Dichloropropene	54	107	U	Bromochloromethane	54	107	U
Trichloroethene	54	107	U	Bromodichloromethane	54	80	U
Trichlorofluoromethane	54	107	U	Bromoform	54	80	U
Vinyl chloride	54	107	U	Bromomethane	54	107	U
Xylenes (total)	54	107	U	Carbon Disulfide	54	107	U
1,1,1,2-Tetrachloroethane	54	107	U	Carbon tetrachloride	54	107	U
1,1,1-Trichloroethane	54	107	U	Chlorobenzene	54	107	U
1,1,2,2-Tetrachloroethane	54	80	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	54	80	U	(TIC) n-Hexane	NA	NA	NF
		Suri	ogate St	andard Recovery			
Bromofluorobenze	ene 97%	d-	4-1,2-Dic	hloroethane 107%		d8-Toluene	100%

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as

estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

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CLIENT SAMPLE ID

Sprague Energy **Project Name:**

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 194/ B

June 24, 2011 SAMPLE DATA

70248-2

Lab Sample ID: Matrix:

Solid

Percent Solid:

100

Dilution Factor:

99

Collection Date:

06/20/11

Lab Receipt Date: 06/22/11

Analysis Date: 06/23/11

A	NALYTIC	CAL RESUL	TS VO	LATILE ORGANICS			
COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) μ g/kg	Limit of Quantitation g(LOQ) µg/kg	Result µg/kg
Chloroethane	50	99	U	1,1-Dichloroethane	50	99	U
Chloroform	50	74	U	1,1-Dichloroethene	50	74	U
Chloromethane	50	99	U	1,1-Dichloropropene	50	99	U
cis-1,2-Dichloroethene	50	99	U	1,2,3-Trichlorobenzene	50	99	U
cis-1,3-Dichloropropene	50	99	U	1,2,3-Trichloropropane	50	99	U
Dibromochloromethane	50	74	U	1,2,4-Trichlorobenzene	50	99	U
Dibromomethane	50	99	U	1,2,4-Trimethylbenzene	50	99	80 J
Dichlorodifluoromethane	50	99	U	1,2-Dibromo-3-chloropropane	50	99	U
Ethylbenzene	50	99	U	1,2-Dibromoethane	50	74	U
Freon-113	50	99	U	1,2-Dichlorobenzene	50	99	U
Hexachlorobutadiene	50	99	Ū	1,2-Dichloroethane	50	74	U
Isopropl benzene	50	99	Ü	1,2-Dichloropropane	50	74	U
m,p-Xylene	50	99	87 J	1,3,5-Trimethylbenzene	50	99	U
Methyl-tert-butyl ether (MTBF	E) 50	74	U	1,3-Dichlorobenzene	50	99	U
Methylene chloride	248	496	U	1,3-Dichloropropane	50	99	U
Naphthalene	50	99	U	1,4-Dichlorobenzene	50	99	U
n-Butylbenzene	50	99	U	2,2-Dichloropropane	50	99	U
n-Propylbenzene	50	99	U	Methyl ethyl ketone	496	993	U
o-Xylene	50	99	U	2-Chlorotoluene	50	99	U
sec-Butylbenzene	50	99	U	2-Hexanone	496	993	U
Styrene	50	99	U	4-Chlorotoluene	50	99	U
tert-Butylbenzene	50	99	U	4-Isopropyltoluene	50	99	U
Tetrachloroethene	50	99	U	4-Methyl-2-pentanone	496	993	U
Tetrahydrofuran	248	496	U	Acetone	496	993	U
Toluene	50	99	U	Benzene	50	99	U
trans-1,2-Dichloroethene	50	99	Ü	Bromobenzene	50	99	Ū
trans-1,3-Dichloropropene	50	99	Ü	Bromochloromethane	50	99	Ū
Trichloroethene	50	99	Ü	Bromodichloromethane	50	74	Ŭ
Trichlorofluoromethane	50	99	Ü	Bromoform	50	74	Ŭ
Vinyl chloride	50	99	Ū	Bromomethane	50	99	Ū
Xylenes (total)	50	99	Ü	Carbon Disulfide	50	99	Ü
1,1,2-Tetrachloroethane	50	99	Ü	Carbon tetrachloride	50	99	Ū
1.1.1-Trichloroethane	50	99	Ü	Chlorobenzene	50	99	Ū
1,1,2,2-Tetrachloroethane	50	74	Ü	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	74	U	(TIC) n-Hexane	NA	NA	NF
				andard Recovery			
Bromofluorobenze	ne 89%	d	4-1,2-Dic	hloroethane 99%		d8-Toluene	95%
U=Undetected	J=Estima	ted F	E=Exceed	s Calibration Range B=	Detected in		

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search

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set2Column2TierWTlCs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTlCS



CLIENT SAMPLE ID

Project Name:

Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ Trip Blank

June 24, 2011

SAMPLE DATA

Lab Sample ID: 70248-3

Matrix: Solid 100 **Percent Solid:**

Dilution Factor: 100

Collection Date: 06/20/11

Lab Receipt Date: 06/22/11

Analysis Date: 06/23/11

	ANALYTIC	AL RESUL	TS VO	LATILE ORGANICS			***************************************
COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) μ g/kg	Result μg/kg	COMPOUND	Limit of Detection (LOD) μ g/k	Limit of Quantitation g(LOQ) μg/kg	
Chloroethane	50	100	U	1,1-Dichloroethane	50	100	U
Chloroform	50	75	U	1,1-Dichloroethene	50	75	U
Chloromethane	50	100	U	1,1-Dichloropropene	50	100	U
cis-1,2-Dichloroethene	50	100	U	1,2,3-Trichlorobenzene	50	100	U
cis-1,3-Dichloropropene	50	100	U	1,2,3-Trichloropropane	50	100	U
Dibromochloromethane	50	75	U	1,2,4-Trichlorobenzene	50	100	U
Dibromomethane	50	100	U	1,2,4-Trimethylbenzene	50	100	U
Dichlorodifluoromethane	50	100	U	1,2-Dibromo-3-chloropropane	50	100	U
Ethylbenzene	50	100	U	1,2-Dibromoethane	50	75	U
Freon-113	50	100	U	1,2-Dichlorobenzene	50	100	U
Hexachlorobutadiene	50	100	Ū	1,2-Dichloroethane	50	75	U
Isopropl benzene	50	100	U	1,2-Dichloropropane	50	75	U
m,p-Xylene	50	100	U	1,3,5-Trimethylbenzene	50	100	U
Methyl-tert-butyl ether (MTB	E) 50	75	U	1,3-Dichlorobenzene	50	100	U
Methylene chloride	250	500	U	1,3-Dichloropropane	50	100	U
Naphthalene	50	100	U	1.4-Dichlorobenzene	50	100	U
n-Butylbenzene	50	100	U	2,2-Dichloropropane	50	100	U
n-Propylbenzene	50	100	U	Methyl ethyl ketone	500	1000	U
o-Xylene	50	100	U	2-Chlorotoluene	50	100	U
sec-Butylbenzene	50	100	U	2-Hexanone	500	1000	U
Styrene	50	100	U	4-Chlorotoluene	50	100	U
tert-Butylbenzene	50	100	U	4-Isopropyltoluene	50	100	U
Tetrachloroethene	50	100	U	4-Methyl-2-pentanone	500	1000	U
Tetrahydrofuran	250	500	U	Acetone	500	1000	U
Toluene	50	100	U	Benzene	50	100	U
trans-1,2-Dichloroethene	50	100	Ū	Bromobenzene	50	100	U
trans-1,3-Dichloropropene	50	100	Ū	Bromochloromethane	50	100	U
Trichloroethene	50	100	Ü	Bromodichloromethane	50	75	U
Trichlorofluoromethane	50	100	Ū	Bromoform	50	75	U
Vinyl chloride	50	100	U	Bromomethane	50	100	U
Xylenes (total)	50	100	Ü	Carbon Disulfide	50	100	Ü
1,1,1,2-Tetrachloroethane	50	100	Ü	Carbon tetrachloride	50	100	Ū
1,1,1-Trichloroethane	50	100	Ü	Chlorobenzene	50	100	Ü
1,1,2,2-Tetrachloroethane	50	75	Ŭ	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	75	Ü	(TIC) n-Hexane	NA	NA	NF
,	0.1.00			andard Recovery		10.75.1	070
Bromofluorobenz	ene 91%	d	4-1,2-Dic	hloroethane 99%		d8-Toluene	97%
U=Undetected	J=Estima	ited I	E=Exceed	s Calibration Range B=	Detected in		

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOO

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

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CLIENT SAMPLE ID

Project Name:

Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 148/ A

June 24, 2011

SAMPLE DATA

Lab Sample ID: 70248-4

Matrix:

Solid

Percent Solid:

100

Dilution Factor:

99

Collection Date: Lab Receipt Date: 06/22/11

06/21/11

Analysis Dates

06/22/11

COMPOUND Chloroethane Chloroform Chloromethane cis-1.2-Dichloroethene cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichlorodifluoromethane Ethylbenzene Freon-113 Hexachlorobutadiene Isopropl benzene m.p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	Limit of Detection	Limit of Quantitation (LOQ) \(\mu g/kg\) 99 74 99 99 74 99 99 74 99 99 99	Result	1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane	Limit of Detection (LOD) μg/kg 50 50 50 50 50 50 50 50	99 74 99 99 99 99 99	μg/kg U U U U U U
COMPOUND Chloroethane Chloroform Chloromethane cis-1,3-Dichloropropene Dibromochloromethane Dichlorodifluoromethane Ethylbenzene Freon-113 Hexachlorobutadiene (sopropl benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	Detection OD) μg/kg 50 50 50 50 50 50 50 50 50 5	Quantitation (LOQ) µg/kg 99 74 99 99 74 99 99 99 99 99	μg/kg U U U U U U U U U U U	1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene	Detection (LOD) μg/kg 50 50 50 50 50 50 50 50	Quantitation g(LOQ) µg/kg 99 74 99 99 99	μg/kg U U U U U U
Chloromethane cis-1,2-Dichloroethene cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichlorodifluoromethane Ethylbenzene Freon-113 Hexachlorobutadiene Isopropl benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50 50 50 50 50 50 50 50 50	74 99 99 99 74 99 99	U U U U U U	1,1-Dichloroethene 1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene	50 50 50 50 50	74 99 99 99 99	U U U U
cis-1.2-Dichloroethene cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichlorodifluoromethane Ethylbenzene Freon-113 Hexachlorobutadiene Isopropl benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50 50 50 50 50 50 50 50	99 99 99 74 99 99	U U U U U	1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene	50 50 50 50	99 99 99 99	U U U
Hexachlorobutadiene Isopropi benzene m.p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50 50 50 50 50 50 50 50	99 99 74 99 99 99	U U U U	1.2.3-Trichlorobenzene 1.2.3-Trichloropropane 1.2.4-Trichlorobenzene 1.2.4-Trimethylbenzene	50 50 50	99 99 99	U U
cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichlorodifluoromethane Ethylbenzene Freon-113 Hexachlorobutadiene Isopropl benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50 50 50 50 50 50	99 74 99 99 99	U U U U	1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene	50 50	99 99	U
Dibromochloromethane Dibromomethane Dichlorodifluoromethane Ethylbenzene Freon-113 Hexachlorobutadiene Isopropl benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50 50 50 50 50	74 99 99 99	U U U	1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene	50	99	_
Dibromomethane Dichlorodifluoromethane Ethylbenzene Freon-113 Hexachlorobutadiene Isopropl benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50 50 50 50	99 99 99 99	U U	1,2,4-Trimethylbenzene			* *
Dichlorodifluoromethane Ethylbenzene Freon-113 Hexachlorobutadiene Isopropl benzene m.p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50 50 50	99 99 99	U	* 1	50		U
Ethylbenzene Freon-113 Hexachlorobutadiene Isopropl benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50 50	99 99		1.2-Dibromo-3-chloropropage		99	59 J
Freon-113 Hexachlorobutadiene Isopropt benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50 50 50	99	U		50	99	U
Freon-113 Hexachlorobutadiene Isopropl benzene m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene n-Butylbenzene	50 50			1,2-Dibromoethane	50	74	U
Isopropt benzene m.p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50	00	U	1,2-Dichlorobenzene	50	99	U
m,p-Xylene Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene		99	U	1,2-Dichloroethane	50	74	U
Methyl-tert-butyl ether (MTBE) Methylene chloride Naphthalene	50	99	U	1.2-Dichloropropane	50	74	U
Methylene chloride Naphthalene	50	99	66 J	1,3,5-Trimethylbenzene	50	99	U
Naphthalene	50	74	U	1,3-Dichlorobenzene	50	99	U
•	248	496	U	1,3-Dichloropropane	50	99	U
n_Rutylbenzene	50	99	U	1,4-Dichlorobenzene	50	99	U
ii-Dutylochzene	50	99	U ·	2,2-Dichloropropane	50	99	U
n-Propylbenzene	50	99	U	Methyl ethyl ketone	496	992	U
o-Xylene	50	99	U	2-Chlorotoluene	50	99	U
sec-Butylbenzene	50	99	U	2-Hexanone	496	992	U
Styrene	50	99	U	4-Chlorotoluene	50	99	U
tert-Butylbenzene	50	99	U	4-Isopropyltoluene	50	99	U
Tetrachloroethene	50	99	U	4-Methyl-2-pentanone	496	992	U
Tetrahydrofuran	248	496	U	Acetone	496	992	U
Toluene	50	99	U	Benzene	50	99	Ü
trans-1.2-Dichloroethene	50	99	U	Bromobenzene	50	99	Ū
trans-1,3-Dichloropropene	50	99	U	Bromochloromethane	50	99	Ü
Trichloroethene	50	99	Ü	Bromodichloromethane	50	74	Ü
Trichlorofluoromethane	50	99	Ŭ	Bromoform	50	74	Ŭ
Vinyl chloride	50	99	Ü	Bromomethane	50	99	Ü
Xylenes (total)	50	99	Ü	Carbon Disulfide	50	99	U
1,1,1,2-Tetrachloroethane	50	99	Ü	Carbon tetrachloride	50	99	U
1.1.1-Trichloroethane	50	99	Ü	Chlorobenzene	50	99	U
1,1,2,2-Tetrachloroethane	50	74	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	74	U	(TIC) n-Hexane	NA	NA	NF
		Surr	ogate St	andard Recovery			
Bromofluorobenzene U=Undetected	e 84% J=Estima		1-1,2-Dic =Exceed	hloroethane 95%	C	d8-Toluene	96%

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search

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CLIENT SAMPLE ID

Sprague Energy **Project Name:**

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 148/ B

June 24, 2011 SAMPLE DATA

Lab Sample ID: 70248-5 Matrix: Solid **Percent Solid:** 100 **Dilution Factor:** 96

Collection Date: 06/21/11 Lab Receipt Date: 06/22/11

Analysis Date: 06/23/11

A	ANALYTIC	CAL RESUL	TS VO	LATILE ORGANICS			
COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result μg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation g(LOQ) µg/kg	Result µg/kg
Chloroethane	48	96	U	1,1-Dichloroethane	48	96	U
Chloroform	48	72	U	1,1-Dichloroethene	48	72	U
Chloromethane	48	96	U	1,1-Dichloropropene	48	96	U
cis-1,2-Dichloroethene	48	96	U	1,2,3-Trichlorobenzene	48	96	U
cis-1,3-Dichloropropene	48	96	U	1,2,3-Trichloropropane	48	96	U
Dibromochloromethane	48	72	U	1,2,4-Trichlorobenzene	48	96	U
Dibromomethane	48	96	U	1,2,4-Trimethylbenzene	48	96	U
Dichlorodifluoromethane	48	96	U	1,2-Dibromo-3-chloropropane	48	96	U
Ethylbenzene	48	96	U	1,2-Dibromoethane	48	72	U
Freon-113	48	96	U	1,2-Dichlorobenzene	48	96	U
Hexachlorobutadiene	48	96	U	1,2-Dichloroethane	48	72	U
Isopropl benzene	48	96	U	1,2-Dichloropropane	48	72	U
n,p-Xylene	48	96	U	1,3,5-Trimethylbenzene	48	96	U
Methyl-tert-butyl ether (MTBI	E) 48	72	U	1,3-Dichlorobenzene	48	96	U
Methylene chloride	241	481	U	1,3-Dichloropropane	48	96	U
Naphthalene	48	96	U	1,4-Dichlorobenzene	48	96	U
n-Butylbenzene	48	96	U	2,2-Dichloropropane	48	96	U
n-Propylbenzene	48	96	U	Methyl ethyl ketone	481	963	U
o-Xylene	48	96	U	2-Chlorotoluene	48	96	U
sec-Butylbenzene	48	96	U	2-Hexanone	481	963	U
Styrene	48	96	U	4-Chlorotoluene	48	96	U
ert-Butylbenzene	48	96	U	4-Isopropyltoluene	48	96	U
letrachloroethene	48	96	U	4-Methyl-2-pentanone	481	963	U
Fetrahydrofuran	241	481	U	Acetone	481	963	U
Toluene	48	96	U	Benzene	48	96	U
rans-1.2-Dichloroethene	48	96	Ū	Bromobenzene	48	96	Ū
rans-1,3-Dichloropropene	48	96	Ü	Bromochloromethane	48	96	Ū
Frichloroethene	48	96	Ü	Bromodichloromethane	48	72	U
[richlorofluoromethane	48	96	Ŭ	Bromoform	48	72	Ū
Vinyl chloride	48	96	U	Bromomethane	48	96	U
Kylenes (total)	48	96	Ü	Carbon Disulfide	48	96	Ü
.1.1.2-Tetrachloroethane	48	96	Ü	Carbon tetrachloride	48-	96	Ŭ
1,1,1-Trichloroethane	48	96	Ü	Chlorobenzene	48	96	Ü
1,1,2,2-Tetrachloroethane	48	72	Ü	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	48	72	Ü	(TIC) n-Hexane	NA	NA	NF
		Surr	ogate St	andard Recovery			
Bromofluorobenze	ene 94%	d ²	1-1,2-Dic	hloroethane 99%		d8-Toluene	101%
U=Undetected	J=Estima	nted F	=Exceed	ls Calibration Range B=	Detected in		

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test
Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as
estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ
COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search

criteria.

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Project Name:

Project Number:

Field Sample ID:

CLIENT SAMPLE ID

June 24, 2011 SAMPLE DATA

Lab Sample ID: 70248-6

Matrix:

Solid

Percent Solid:

100 100

Dilution Factor:

06/21/11

Everett/ Asphalt Star/ TK 194/

Lab Receipt Date: **Analysis Date:**

Collection Date:

06/22/11 06/23/11

061611

Sprague Energy

Trip Blank

ANALYTICAL RESULTS VOLATILE ORGANICS Limit of Limit of Limit of Limit of Quantitation Result Detection Quantitation Result Detection **COMPOUND** (LOD) μ g/kg (LOQ) μ g/kg μ g/kg **COMPOUND** (LOD) $\mu g/kg$ (LOQ) $\mu g/kg$ $\mu g/kg$ Chloroethane 50 100 U 1.1-Dichloroethane 50 100 U 50 U Chloroform 50 75 П 1,1-Dichloroethene 75 100 U 50 100 U Chloromethane 50 1.1-Dichloropropene cis-1.2-Dichloroethene 50 100 U 1.2.3-Trichlorobenzene 50 100 IJ 50 100 cis-1,3-Dichloropropene 100 U 1,2,3-Trichloropropane 50 U 50 U 50 100 U Dibromochloromethane 75 1,2,4-Trichlorobenzene 50 100 U 1,2,4-Trimethylbenzene 50 100 U Dibromomethane Dichlorodifluoromethane 50 100 U 1,2-Dibromo-3-chloropropane 50 100 U Ethylbenzene 50 100 U 1,2-Dibromoethane 50 75 U Freon-113 50 100 U 1.2-Dichlorobenzene 50 100 U Hexachlorobutadiene 50 100 U 1.2-Dichloroethane 50 75 U Isopropl benzene 50 100 U 1.2-Dichloropropane 50 75 U 50 100 U 1,3,5-Trimethylbenzene 50 100 U m,p-Xylene U 50 100 U 50 1,3-Dichlorobenzene Methyl-tert-butyl ether (MTBE) 75 500 U 100 U Methylene chloride 250 1,3-Dichloropropane 50 U 50 100 U Naphthalene 50 100 1,4-Dichlorobenzene n-Butylbenzene 50 100 Ū 2,2-Dichloropropane 50 100 U 50 100 U Methyl ethyl ketone 500 1000 U n-Propylbenzene 50 100 U 2-Chlorotoluene 50 100 U o-Xylene sec-Butvlbenzene 50 100 U 2-Hexanone 500 1000 U 50 100 U 4-Chlorotoluene 50 100 U Styrene tert-Butylbenzene 50 100 U 4-Isopropyltoluene 50 100 U Tetrachloroethene 50 100 U 4-Methyl-2-pentanone 500 1000 U Tetrahydrofuran 250 500 U Acetone 500 1000 U Toluene 50 100 U Benzene 50 100 U trans-1,2-Dichloroethene 50 100 U Bromobenzene 50 100 U U 100 trans-1,3-Dichloropropene 50 100 Bromochloromethane 50 U 100 U 50 75 H Trichloroethene 50 Bromodichloromethane U 75 Trichlorofluoromethane 50 100 50 U Bromoform Vinvl chloride 50 100 U Bromomethane 50 100 U 50 100 U 50 100 U Xylenes (total) Carbon Disulfide 1,1,1,2-Tetrachloroethane 50 100 U 50 100 U Carbon tetrachloride 50 100 U Chlorobenzene 50 100 U 1.1.1-Trichloroethane 1.1.2.2-Tetrachloroethane 50 75 U (TIC) n-Heptane NA NA NF 1,1,2-Trichloroethane 50 75 U (TIC) n-Hexane NA NA NF Surrogate Standard Recovery 86% d4-1,2-Dichloroethane d8-Toluene 93% Bromofluorobenzene 98% U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOO

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

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SUBMITTED SAMPLE CHAIN OF CUSTODY

2 Williams Street Chelsea, MA 02150 Phone: (617) 889-6515

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INSPECTORATE
A Bureau Veritas Group Company

Facility: Inspectorate	Contact: Charles 72.35	Project Name: \\\	2 J 00 G
Ardress.	Frome: (12))) >	C In 1 after
2 Williams ST	Fax: 617 889-6515	Project Number: 06/611	
Chulsea MA	617 884-6311 (42)	Project Manager: Chans	
	Chris. Lans @Ingestrate. Com	Chris. Lans OIngestante, Com Email: Chris. I Ares O Inspectate Con P.O. No.	P.O. No: Quote No:
Lab Number Sample ID;	Date Time Sampled Grab Container	Product Grade	Archive Daniel Lite

(assigned by lab)	Sample ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or com- posit (G/C)	Container Size (ml.)	Product Grade	Analyses Requested/ Special Instructions:	,
\ \nalyt	Evenet Asphalt Shot TK 194	# Gralin	1100	KB	Grab		Aspult GH-28	VOC	-87201
	Even # Andrust Stac TTK 194/8	Grofn	100	KB	Grab		Asolut 64-28	Voc	
	Everet Applied She Trip Blank	6/20/11	100	KB	ýz.	10	Medinal Blank		
	Everet Asphalt Shr TK 148 A	11/12/9	2190	KB	Grab		Asdult 64-28	700	7
	Evenett Asphalt Stort TR. 148/8	C/21 /11	85	KB	Grab		Asdult 64-28	700	1
	Everet Asphalt Star Trip Slowk 6/21/11	6/21/11	0615	KB			Methons Blank		
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COC Doc No:

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ANALYTICS SAMPLE RECEIPT CHECKLIST



AELLAB#: 70218 CLIENT: USpectorate PROJECT: 061611	COOLER NUMBER: NUMBER OF COOLERS: DATE RECEIVED:	88 1 6-22-11
A: PRELIMINARY EXAMINATION: 1. Cooler received by (initials):	DATE COOLER OPENED: Date Received:	6.22.11
2. Circle one: 3. Did cooler come with a shipping slip? 3a. Enter carrier name and airbill number here:	Shipped Y	NA
4. Were custody seals on the outside of cooler? How many & where: Seal Date:	Y Seal Name:	N A
5. Did the custody seals arrive unbroken and intact upon arrival?6. COC*.	Y	NA
7. Were Custody papers filled out properly (ink.signed, etc)?8. Were custody papers sealed in a plastic bag?	Y	N N
9. Did you sign the COC in the appropriate place?10. Was the project identifiable from the COC papers?	Ý Ý	N N
11. Was enough ice used to chill the cooler? (Y) N B. Log-In: Date samples were logged in:	Temp. of cooler:	6.0
12. Type of packing in cooler(bubble wrap popcorn) 13. Were all bottles sealed in separate plastic bags?	(V)	N N
14. Did all bottles arrive unbroken and were labels in good condition?	©	N
15. Were all bottle labels complete(ID,Date.time.etc.)16. Did all bottle labels agree with custody papers?	Y	N N
17. Were the correct containers used for the tests indicated:18. Were samples received at the correct pH?	(A) 25 M	all NA
19. Was sufficient amount of sample sent for the tests indicated?20. Were all samples submitted within holding time?	Y	N N
21. Were bubbles absent in VOA samples? If NO, List Sample ID's and Lab #s:	Y	<u> </u>
2. Laboratory labeling verified by (initials):	Date: _	6/22/11